Additional Capabilities Include:

Service Area
ATS employs approximately 500 personnel in 16 branch offices throughout the United States, and can provide inspection services anywhere in the US or abroad. With over 40 years of inspection and testing experience, ATS is prepared to handle any project regardless of size or location and are committed to providing the highest level of quality and service available.

Scheduling
ATS is always available to handle your inspection needs and will respond to each request in a prompt and timely manner. Simply contact any ATS office to schedule an inspection project or to set-up a visit by an ATS representative.

Cost Reduction Programs
In an effort to reduce costs and simplify the purchasing process, many facilities within the pulp and paper industry have developed programs to leverage their buying power and reduce their number of service providers. ATS has experience with long-term contracts, and will develop a program to provide inspection service at reduced costs for clients who express a need for this service.

Certified Inspection Standards
ATS maintains quality through the high standards that are the hallmark of our company.

- API-653
- API-510
- API-570
- AWS-CWI
- SNT-TC-1A

Pulp and Paper

Pulp and Paper Inspection
In the highly specialized and demanding environment of the pulp and paper industry, Applied Technical Service leads the way with unsurpassed quality and service.

Commitment to Quality
Dedication to quality is a way of life at ATS. Through our in-house training program, all inspection personnel are trained and certified in accordance with SNT-TC-1A. This, along with our quality assurance department and experienced management personnel, allows ATS to give our clients the high level of quality they expect.

Personalized Service
Because each client is unique, ATS caters to the individual needs of our customers. Knowledgeable managers and experienced technical personnel are always available to assist in determining the most effective method to achieve your inspection goals. Regardless of the project, ATS is committed to providing high-quality, personalized service to all customers.

ATS founded in 1967 and headquartered in Marietta, GA is one of North America’s leading consulting engineering firms with extensive testing and inspection capabilities delivering a combination of experience, professionalism and decisive responsiveness for our clients.

*All accreditations are granted to certain disciplines operating within ATS. Each certification/affiliation or accreditation has a special defined scope. Please visit www.atslab.com or contact the ATS Quality Assurance Department at 1-888-287-5227 for further details.
Paper Machine Inspection
Auto-V Ultrasonic Inspection
Since most paper machine dryer cans are manufactured using a casting process, standard ultrasonic thickness equipment may not provide accurate results. ATS uses fully automated thickness crawlers capable of on-line velocity adjustments to compensate for the changes in acoustical properties inherent in the casting process. This allows for an accurate thickness scan across the full length of a dryer can.

Internal Visual Examination
Internal visual examination of paper machine dryers is one of the most efficient and effective methods of inspection. During a visual inspection, the condition of internal components along with areas of shell thinning and grooving can be determined.

Heads, Journals and Bolts
Magnetic particle inspection of the heads and journals of paper machine dryers, along with ultrasonic soundness inspection of the bolts is performed to find defects before they become major problems.

Boiler Inspection Services
Ultrasonic Thickness Survey
Fast, cost-effective boiler surveys are performed by highly trained, experienced personnel using state of the art ultrasonic data loggers.

Composite Tube Inspection
Liquid penetrant inspection of composite tube material is performed to identify damaged areas, while non-ferrous coating surveys determine the overall thickness of the composite material.

On-Site Reporting
Clients may choose to have formal, computer generated color reports completed on-site. These reports can be customized to client requirements, and may include analysis and trending of previous inspection data.

Computed Radiography
Since 2001, ATS has been the industry leader in providing Computed Radiography (CR) services to our Pulp and Paper clients. Computed Radiography, unlike conventional film radiography, uses special imaging plates to capture digital images that can be saved in a variety of electronic formats such as CD and DVD. Computed Radiography is ASME code compliant and offers substantial benefits compared to conventional film radiography. Some of the benefits include:

• Increased production levels
• Lower radiation exclusion zones
• Eliminates the use of hazardous chemicals
• Immediate inspection results
• Electronic data storage

Nondestructive Testing Services
ATS offers a complete line of field services including:

• Radiography
• Ultrasonics
• Magnetic Particle
• Liquid Penetrant
• Eddy Current
• Leak Testing
• AWS-CWI
• API-653 / API-510 / API-570

Tanks, Pressure Vessels and Piping Systems
Automated Ultrasonic Thickness Crawlers
Through the use of automated ultrasonic thickness crawlers, continuous thickness scans can be performed on the shell of carbon steel tanks and vessels, as well as piping systems. This inspection data is presented in a graphical format that can include minimum wall thickness calculations in accordance with a variety of standards such as API-653.

API-653 / API-510 / API-570 Inspections
The large inventory of tanks and pressure vessels in the pulp and paper industry has prompted many facilities to adopt API inspection standards. ATS is prepared with an experienced staff of API-653, API-510, and API-570 certified inspectors.

Engineering Evaluation
ATS’s full time engineering staff is available to make repair recommendations and assist in data analysis following inspection projects. Remaining life expectancy, future inspection intervals, and a general engineering summary can be included in each evaluation report.

Mechanical Integrity Programs
Maintaining equipment inventory, repair records, and inspection intervals is simple and efficient with ATS’s computer database programs. Each program is customized to suit the individual needs of each client and may be included in the cost of an inspection project, or purchased separately.

When Quality is Non-Negotiable!

Applied Technical Services
www.atslab.com
1-888-287-5227